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 **1 Model based detection of tyre deflation by estimation of a virtual transfer function**

*Mayer, H.;*  
Control Applications, 1995., Proceedings of the 4th IEEE Conference on , 28-2 Sept. 1995  
Pages:285 - 290

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) **IEEE CNF**

 **2 The development of a low cost system for monitoring tyre pressures**

*Hill, M.; Malson, P.R.W.C.; Turner, J.D.;*  
Chassis Electronics, IEE Colloquium on , 23 Mar 1990  
Pages:2/1 - 2/3

[\[Abstract\]](#) [\[PDF Full-Text \(132 KB\)\]](#) **IEE CNF**

**3 IEE Colloquium on Tyre Monitoring (Digest No.1997/046)**

Tyre Monitoring (Digest No. 1997/046), IEE Colloquium on , 25 March 1997

[\[Abstract\]](#) [\[PDF Full-Text \(112 KB\)\]](#) **IEE CNF**

 **4 Monitoring the tire pressure at cars using passive SAW sensors**

*Pohl, A.; Ostermayer, G.; Reindl, L.; Seifert, F.;*  
Ultrasonics Symposium, 1997. Proceedings., 1997 IEEE , Volume: 1 , 5-8 Oct. 1997  
Pages:471 - 474 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) **IEEE CNF**

 **5 A system that monitors whether or not tyres on wheeled vehicles ar**

**under or over inflated which may be further developed to measure tyre pressures. This system may then in turn be used to detect overloaded axles**

*Roberts, G.;*

Tyre Monitoring (Digest No. 1997/046), IEE Colloquium on , 25 March 1997

Pages:4/1 - 411

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEE CNF](#)

---

**6 Touch mode capacitive pressure sensor for passive tire monitoring system**

*Yamamoto, S.; Nakao, O.; Nishimura, H.;*

Sensors, 2002. Proceedings of IEEE , Volume: 2 , 12-14 June 2002

Pages:1582 - 1586 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) [IEEE CNF](#)

---

**7 IEE Colloquium on 'Chassis Electronics' (Digest No.047)**

Chassis Electronics, IEE Colloquium on , 23 Mar 1990

[\[Abstract\]](#) [\[PDF Full-Text \(20 KB\)\]](#) [IEE CNF](#)

---

**8 Pneumatic monitor for a vehicle based on the disturbance observer**

*Umeno, T.; Asano, K.; Ohashi, H.; Kawai, H.; Naito, T.; Taguchi, T.;*

Industry Applications Conference, 1996. Thirty-First IAS Annual Meeting, IAS Conference Record of the 1996 IEEE , Volume: 3 , 6-10 Oct. 1996

Pages:1687 - 1691 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) [IEEE CNF](#)

---

**9 Low cost tyre monitoring system using electronic article surveillance techniques**

*Smith, D.;*

Tyre Monitoring (Digest No. 1997/046), IEE Colloquium on , 25 March 1997

Pages:3/1 - 3/4

[\[Abstract\]](#) [\[PDF Full-Text \(176 KB\)\]](#) [IEE CNF](#)

---

**10 The "intelligent tire" utilizing passive SAW sensors measurement of friction**

*Pohl, A.; Steindl, R.; Reindl, L.;*

Instrumentation and Measurement, IEEE Transactions on , Volume: 48 , Issue 6 , Dec. 1999

Pages:1041 - 1046

[\[Abstract\]](#) [\[PDF Full-Text \(164 KB\)\]](#) [IEEE JNL](#)

---

**11 New applications of wirelessly interrogable passive SAW sensors**

*Pohl, A.; Seifert, F.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 46 , Issue 12 , Dec. 1998

Pages:2208 - 2212

---

[\[Abstract\]](#) [\[PDF Full-Text \(104 KB\)\]](#) [IEEE JNL](#)

**12 Touch mode capacitive pressure sensors for industrial applications**

*Ko, W.H.; Qiang Wang;*

Micro Electro Mechanical Systems, 1997. MEMS '97, Proceedings, IEEE., Tenth Annual International Workshop on , 26-30 Jan. 1997

Pages:284 - 289

---

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) [IEEE CNF](#)

 **13 Integration technology for MEMS automotive sensors**

*Gogoi, B.P.; Mladenovic, D.;*

IECON 02 [Industrial Electronics Society, IEEE 2002 28th Annual Conference on the] , Volume: 4 , 5-8 Nov. 2002

Pages:2712 - 2717 vol.4

---

[\[Abstract\]](#) [\[PDF Full-Text \(548 KB\)\]](#) [IEEE CNF](#)

**14 Event based sampling with application to vibration analysis in pneumatic tires**

*Persson, N.; Gustafsson, F.;*

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2 IEEE International Conference on , Volume: 6 , 7-11 May 2001

Pages:3885 - 3888 vol.6

---

[\[Abstract\]](#) [\[PDF Full-Text \(244 KB\)\]](#) [IEEE CNF](#)

**15 A highly integrated UHF data receiver for vehicle applications**

*Jobling, D.; Landez, C.; Frund, D.; Huot, A.;*

Radio Frequency Integrated Circuits (RFIC) Symposium, 2001. Digest of Papers 2001 IEEE , 20-22 May 2001

Pages:187 - 190

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[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) [IEEE CNF](#)

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## 16 Comparative diagnosis of tyre pressures

*Mayer, H.;*  
Control Applications, 1994., Proceedings of the Third IEEE Conference on , 24 Aug. 1994  
Pages:627 - 632 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(332 KB\)\]](#) **IEEE CNF**

## 17 A threshold pressure switch utilizing plastic deformation of silicon

*Huff, M.A.; Nikolic, A.D.; Schmidt, M.A.;*  
Solid-State Sensors and Actuators, 1991. Digest of Technical Papers, TRANSDUCERS '91., 1991 International Conference on , 24-27 June 1991  
Pages:177 - 180

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) **IEEE CNF**

## 18 Tyre pressure, damper condition and wheel balance assessment from vibration measurements

*Craighead, I.A.;*  
Tyre Monitoring (Digest No. 1997/046), IEE Colloquium on , 25 March 1997  
Pages:2/1 - 2/3

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) **IEE CNF**

## 19 New applications of wirelessly interrogable passive SAW sensors

*Pohl, A.; Springer, A.; Reindl, L.; Seifert, F.; Weigel, R.;*  
Microwave Symposium Digest, 1998 IEEE MTT-S International , Volume: 2 , 7 June 1998  
Pages:503 - 506 vol.2

---

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) [IEEE CNF](#)

---

**20 A capacitative strip sensor for measuring dynamic type forces**

*Cole, D.J.; Cebon, D.;*

Road Traffic Monitoring, 1989., Second International Conference on , 7-9 Feb

Pages:38 - 42

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[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEE CNF](#)

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